

Amendments to the claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1 – 12. (*cancelled*)

13. (*new*) A method for the detection of TSH receptor autoantibodies in a biological sample comprising:

- a) contacting said biological sample with TSH receptor that is immobilized on a solid support in the presence of exogenous labeled TSH receptor autoantibodies for a time sufficient for the autoantibodies in the biological sample to competitively bind to the TSH receptor;
- b) removing unbound labeled TSH receptor autoantibodies; and
- c) detecting TSH receptor autoantibodies in the biological sample by measuring the amount of label bound to the TSH receptor.